Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start		Rating **	Α	Issue No.	Issue No. 7				
LM End		Issue Type +	Ма	Location * N/A					
Catagonia Earthen Levee			GPS Latitude/Longitude						
Category				Start		End			
Item		s & Maintena	nce		0		0		
item	Manuals				0		0		
DWR ID DWR_RD2085_01_s _ 2013_7									
		Comn	nent Cod	le					
		Inspecto	or Comm	nent					
The O&M Manual is available at the office.									

No Photos

LM Start		Rating **	Α	Issue No.		9	
LM End		Issue Type +	Ma	Location *		N/A	
Category Earthen Levee				GPS La	atituc	le/Longitude	
Calegory				Start		End	
Item		y Supplies &		0		0	
пеш	Equipmer	nt			0		0
DWR ID	DWR_RD2	085_01_s _ 201	3_9				
		Comn	nent Cod	le			
Inspector Comment							
Flood fight	ing supplie	es are availab	le at the	River Club.			

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

		D-+i: **	•	Issue No				
LM Start		Rating **	Α	issue ivo.		14		
LM End		Issue Type +	Ма	Location *		N/A		
Category	Earthen Levee			GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Flood Pre	paredness &	Training		0		0	
пеш					0		0	
DWR ID	DWR_RD2	085_01_s _ 201	3_14					
		Comn	nent Cod	le				
Inspector Comment								
The LMA h	The LMA has a flood fighting plan and training.							

No Photos

LM Start	0.12	Rating **	A/W	Issue No.	19		
LM End	0.47	Issue Type +	Ma	Location *	CR		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End		
Item		rface / Depres	ssions /	37.71905	2°	37.723246	0
пеш	Rutting	9		-121.30292	3°	-121.299492	0
DWR ID	DWR_RD2	085_01_f _ 201	5_19				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Disking on the levee shoulder. Make sure the water drains evenly to the slopes.

Photo 1 of 1 : SP_2017_RD2085_113_19_20170407_00010.jpg



View of the disking on the levee crown shoulder.

Photo 1 of 1: SP_2017_RD2085_113_54_20170421_00069.jpg

LM Start	0.46	Rating **	U	Issue No.	54		
LM End	0.48	Issue Type +	Ma	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		37.72318	32 °	37.723383°	
пеш				-121.29954	9°	-121.299370°	
DWR ID	DWR_RD2085_01_s _ 2017_54						
		Cama	ant Can	ام			

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of the vegetation on the landside levee slope.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.53	Rating **	A/W	Issue No.		55
LM End	0.53	Issue Type +	Ma	Location *	LS	
Category	Suppleme	ental		GPS La	tituc	le/Longitude
Calegory					Start	
Item	DWR UCI	IP LMA Respo	onsibility	37.72341	5 °	37.723415 °
пеш				-121.29859	96°	-121.298596 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:47170 DS_ID:20677 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Pipe has been removed by LMA.Previous:Pipe abandoned. Erosion around pipe on WS slope. Pipe severely corroded. Pier badly damaged.

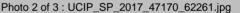
FIELD_STRUCT_DESC: *REMOVED* 14-inch steel stormdrain pipe through the levee 4.5 feet below crown. Pump on pile structure in ditch on the landward side. Siphon breaker in corrugated metal riser unit on the waterward shoulder. Originally included in the 1968 O&M manual. Pipe removed by LMA. Permit Application No. T2013179 submitted to CVFPB. Permit was not needed per CVFPB review.

FS Date: 9/5/2013

LM Start	0.53	Rating **	A/W	Issue No.	55 (cont)
LM End	0.53	Issue Type +	Ma	Location *	LS



Pipe on WS with erosion into levee slope.





Pipe at WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.53	Rating **	A/W	Issue No.	55 (cont)		
LM End	0.53	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UCI	P LMA Respo	nsibility	37.72341	5 °	37.723415°	
пеш				-121.29859	96°	-121.298596°	
DWR ID							
Comment Code							

Inspector Comment

FS_ID:47170 DS ID:20677 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Pipe has been removed by LMA.Previous:Pipe abandoned. Erosion around pipe on WS slope. Pipe severely

corroded. Pier badly damaged.

FIELD_STRUCT_DESC: *REMOVED* 14-inch steel stormdrain pipe through the levee 4.5 feet below crown. Pump on pile structure in ditch on the landward side. Siphon breaker in corrugated metal riser unit on the waterward shoulder. Originally included in the 1968 O&M manual. Pipe removed by LMA. Permit Application No. T2013179 submitted to CVFPB. Permit was not needed per CVFPB review.

FS Date: 9/5/2013



Siphon breaker in 24-inch CMP riser on WS shoulder. Filled with soil.

LM Start	0.70	Rating **	М	Issue No.		48
LM End	1.09	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory						End
Item	Vegetatio	n		37.7219	39°	37.717553°
ILEIII				-121.2961	02 °	-121.291828°
DWR ID	DWR RD2	085 01 s 201	7 48			

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1: SP_2017_RD2085_113_48_20170421_00068.jpg



View of the vegetation on the landside levee slope.

N: Not Inspected/Rated C: Corrected

Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.87	Rating **	М	Issue No.		53		
LM End	0.87	Issue Type +	Ма	Location *	WS			
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Slope Sta	bility		37.7201	42 °	37.720142 °		
пеш			-121.294027 °		-121.294027 °			
DWR ID DWR_RD2085_01_s _ 2017_53								
		Comn	nent Cod	le				
S3 : Repai access wh		slope damag le.	ed by ve	ehicle traffic	and	prevent		
		Inspecto	or Comm	nent				



View of the tire rut on the waterside levee shoulder.

LM Start	1.18	Rating **	М	Issue No.		Issue No.		Issue No.		47	
LM End	1.18	Issue Type +	Ма	Location *		Location *		LS			
Category	Earthen Levee			GPS Latitude/Longitude							
Calegory				Start		End					
Item	Slope Sta	bility		37.7162	16°	37.716216	0				
item			-121.2913	87 °	-121.291387	0					
DWR ID	DWR ID DWR_RD2085_01_s _ 2017_47										

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Vehicle ruts on the levee slope and toe.

Photo 1 of 1: SP_2017_RD2085_113_47_20170421_00067.jpg



View of the disturbed landside levee slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	1.35	Rating **	A/W	Issue No.		56
LM End	1.35	Issue Type +	Ма	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory						End
Item	DWR UC	P LMA Respo	nsibility	37.71440	9°	37.714409°
пеш				-121.28947	'9	-121.289479°
DWR ID						
	Comn	le				

Inspector Comment

FS_ID:19384 DS_ID:20678 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 12-inch steel stormdrain pipe through the levee 3-feet below the crown. Pump mounted on pile structure in ditch on the landward side. Steel walkway with handrails to the pump structure. Gate valve and Siphon breaker in 12-inch steel riser unit on the waterward shoulder. Originally included in the 1968 O&M manual. (Permit No. 8189, 1972)

FS Date: 9/5/2013

LM Start	1.35	Rating **	A/W	Issue No.	56 (cont)
LM End	1.35	Issue Type +	Ma	Location *	LS



Pipe, siphon breaker, and gate valve on WS slope.

Photo 2 of 3: UCIP_SP_2017_19384_32927.jpg



Pump on metal pier on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	1.35	1.35 Rating ** A/W		Issue No.		56 (cont)
LM End	1.35	Issue Type + Ma		Location *		LS
Category	Suppleme	ental		GPS Lat	itud	e/Longitude
Calegory					Start	
Item	DWR UC	IP LMA Respo	nsibility	37.71440	9°	37.714409 °
пеш				-121.28947	9 °	-121.289479 °
DWR ID						

Inspector Comment

Comment Code

FS_ID:19384 DS_ID:20678 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 12-inch steel stormdrain pipe through the levee 3-feet below the crown. Pump mounted on pile structure in ditch on the landward side. Steel walkway with handrails to the pump structure. Gate valve and Siphon breaker in 12-inch steel riser unit on the waterward shoulder. Originally included in the 1968 O&M manual. (Permit No. 8189, 1972)

FS Date: 9/5/2013



Pipe, siphon breaker, and gate valve on WS slope.

LM Start	1.41	Rating **	М	Issue No.		58
LM End	1.41	Issue Type + Ma		Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Category			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	37.71404	19°	37.714049°
пеш			-121.28842	26°	-121.288426 °	
DWR ID						·

Inspector Comment

Comment Code

FS_ID:41351 DS_ID:20679 EP_NO: 3975

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe abandoned and should be done so properly. Large hole in ground over pipe on WS berm. Pipe rusted through on WS at river bank. No connection to pump on LS toe.

FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel stormdrain pipe through the levee 4-feet below the crown. Steel plate over pipe end at pump station on LS toe. Siphon breaker in 24-inch corrugated metal riser unit on the waterward shoulder (Permit No. 3975, 1962). Originally included in the 1968 O&M manual.

FS Date: 9/5/2013

Photo 1 of 3: UCIP_SP_2017_41351_62268.jpg



Siphon breaker in 24-inch CMP riser on WS shoulder.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	1.41	Rating **	М	Issue No.		58 (cont)
LM End	1.41	Issue Type +	Ма	Location *		LS
Category	Supplemental			GPS Latitude/Longitude		
Calegory		Start				End
Item	DWR UC	P LMA Respo	nsibility	37.71404	9°	37.714049°
пеш				-121.28842	26°	-121.288426 °
DWR ID						
Comment Code						

Inspector Comment

FS_ID:41351 DS_ID:20679 EP_NO: 3975

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe abandoned and should be done so properly. Large hole in ground over pipe on WS berm. Pipe rusted through on WS at river bank. No connection to pump on LS toe.

FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel stormdrain pipe through the levee 4-feet below the crown. Steel plate over pipe end at pump station on LS toe. Siphon breaker in 24-inch corrugated metal riser unit on the waterward shoulder (Permit No. 3975, 1962). Originally included in the 1968 O&M manual.

FS Date: 9/5/2013

LM Start	1.41	Rating **	М	Issue No.	58 (cont)
LM End	1.41	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_41351_62267.jpg

Pipe visible at bottom of ditch on LS toe.

Photo 3 of 3: UCIP_SP_2017_41351_62266.jpg



Pipe visible at bottom of ditch on LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	1.63	Rating **	М	Issue No.		43	
LM End	1.63	Issue Type +	Ma	Location *		LS	
Cotogony	evee	GPS La	atitud	le/Longitude			
Category				Start		End	
Item	Animal Co	ontrol		37.7126	76°	37.712676°	
пеш				-121.2847	32 °	-121.284732 °	
DWR ID	DWR ID DWR_RD2085_01_s _ 2017_43						
		Comn	nent Cod	le			
A3 : No ro	dents visib	le, but rodent	burrows	visible; nee	ed to	backfill and	
compact o	r grout bur	rows.					
		Inspect	or Comm	nent			

No Photos

LM Start	1.79	Rating **	М	Issue No.	39	
LM End	1.79	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Animal Co	ontrol		37.7114	56°	37.711456°
item				-121.2823	97°	-121.282397 °
DWR ID DWR_RD2085_01_s _ 2016_39						
Comment Code						

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA has bait stations on the levee.

Photo 1 of 1 : SP_2017_RD2085_113_39_20170407_00022.jpg



View of the rodent burrows on the landside levee slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	2.56	Rating **	М	Issue No.		1
LM End	2.58	Issue Type +	Ma	Location *		WS
Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End
Item	DWR Ero	sion Survey		37.70309	4°	37.703094°
пеш				121.27489	4°	121.274894 °
DWR ID	DWR_RD2	085_01_s _ 201	7_1			

Inspector Comment

Comment Code

07/08/2016: No significant change observed.

09/10/2015: No significant change observed. Signs of animal activity are present.

09/10/2014: No significant change observed.

09/20/2013: No significant change in erosion observed. More vegetation at the site.

12/04/2012: The erosion has progressed remarkably toward levee, extended to the up-and downstream of the original pocket erosion.

Trees and dense bush are present at the site. Animal burrow holes are

visible, and possibly can cause seepage. 09/22/2010: No significant change observed. There is little visibility due to seasonal grass on the berm and slope.

08/18/2009: Site is located on berm; pocket erosion has developed; the site is covered in dense vegetation; there are several relief wells on the landside of the levee; site is Not Rated because berm width is greater than 30 feet; site should be monitored to keep track of erosion progress. [2016 Site ID:RD2085U01RM66.5]

LM Start	2.56	Rating **	М	Issue No.	1 (cont)
LM End	2.58	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2017_RD2085_113_1_20170407_00001.jpg



Close view of the erosion.

Photo 2 of 3: SP_2017_RD2085_113_1_20170407_00002.jpg



Direct view of the erosion. Note the dense vegetation at the site.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	2.56	Rating **	М	Issue No.		1 (cont)
LM End	2.58	Issue Type +	Ma	Location *		WS
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR Ero	sion Survey		37.7030	94°	37.703094°
пеш				121.2748	94°	121.274894 °
DWR ID	DWR_RD2	085_01_s _ 201	7_1			

Inspector Comment

Comment Code

07/08/2016: No significant change observed.

09/10/2015: No significant change observed. Signs of animal activity are present.

09/10/2014: No significant change observed.

09/20/2013: No significant change in erosion observed. More vegetation at the site.

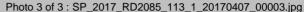
12/04/2012: The erosion has progressed remarkably toward levee,

extended to the up-and downstream of the original pocket erosion.

Trees and dense bush are present at the site. Animal burrow holes are visible, and possibly can cause seepage.

09/22/2010: No significant change observed. There is little visibility due to seasonal grass on the berm and slope.

08/18/2009: Site is located on berm; pocket erosion has developed; the site is covered in dense vegetation; there are several relief wells on the landside of the levee; site is Not Rated because berm width is greater than 30 feet; site should be monitored to keep track of erosion progress. [2016 Site ID:RD2085U01RM66.5]





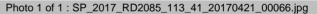
Close view of the erosion.

LM Start	2.62	Rating **	М	Issue No.		41	
LM End	3.37	Issue Type +	Ma	Location *		LS	
Category	Earthen L	en Levee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		37.7023	72 °	37.692697	0
пеш			-121.275090 °		90°	-121.278007	0
DWR ID	DWR_RD2	085_01_s _ 201	7_41				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





View of the vegetation on the landside levee slope.

CR: Crown

Rating
A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	2.90	Rating **	A/W	Issue No.		21		
LM End	2.90	Issue Type +	Ma	Location *		LS		
Category	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End		
Item	Animal Co	ontrol		37.6987	00°	37.698700	٥	
пеш				-121.2771	99°	-121.277199	٥	
DWR ID	DWR_RD2	085_01_f _ 201	5_21					
		Comn	nent Cod	le				
A3 : No roc compact o		le, but rodent rows.	burrows	visible; ne	ed to	backfill and		
	Inspector Comment							
This area should be monitored for possible rodent activity.								
	a. ca. c. roala zoc. inc. ca. i.c. poolibio roadin aouthiy.							

No Photos

LM Start	3.27	Rating **	М	Issue No.	42			
LM End	3.27	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Co	37.69408	35°	37.694085 °				
item				-121.27737	78 °	-121.277378 °		
DWR ID	DWR_RD2	085_01_s _ 201	7_42					
	Comment Code							
A1 : Exterr	A1 : Exterminate rodents and backfill and compact or grout burrows.							

No Photos

Inspector Comment

* Location LS : Land Side N/A : Not Applicable WS: Water Side

CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Rating

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.30	Rating **	М	Issue No.		61	
LM End	3.30	Issue Type +	Ма	Location *	LS		
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory	Start End						
Item	DWR UC	IP LMA Respo	onsibility	37.6936 ⁻	18°	37.693618°	
пеш				-121.2776	39°	-121.277639°	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:19433 DS_ID:20693 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be done so

properly.

FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel stormdrain pipe through the levee 4.0-feet below the crown. T-post marks location of Pipe at LS toe. Steel plate welded over pipe on WS slope. Asbuilts available DWG 7-4-1685. Originally included in the 1968 O&M manual. FS Date: 9/5/2013

LM Start	3.30	Rating **	М	Issue No.	61 (cont)
LM End	3.30	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_19433_32990.jpg



T-post marking pipe end on LS toe. 10-inch pipe debris on LS toe.

Photo 2 of 3: UCIP_SP_2017_19433_32989.jpg



Pipe visible on WS slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

3.30	Rating **	М	Issue No.		61 (cont)	
3.30	Issue Type +	Ма	Location *		LS	
Suppleme	ental		GPS Latitude/Longitude			
			Start		End	
DWR UCI	P LMA Respo	nsibility	37.69361	8°	37.693618	
	-121.277639 ° -121.277639					
DWR ID						
	3.30 Suppleme	3.30 Issue Type + Supplemental	3.30 Issue Type + Ma	3.30 Issue Type + Ma Location * Supplemental GPS Lati Start DWR UCIP LMA Responsibility 37.693618	3.30 Issue Type + Ma Location * Supplemental GPS Latitud Start DWR UCIP LMA Responsibility 37.693618 °	

Comment Code

Inspector Comment

FS_ID:19433 DS_ID:20693 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be done so

properly.

FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel stormdrain pipe through the levee 4.0-feet below the crown. T-post marks location of Pipe at LS toe. Steel plate welded over pipe on WS slope. Asbuilts available DWG 7-4-1685. Originally included in the 1968 O&M manual. FS Date: 9/5/2013

Photo 3 of 3: UCIP_SP_2017_19433_32988.jpg



Pipe visible on WS slope. Steel plate welded over end.

LM Start	3.34	Rating **	N	Issue No.	30			
LM End	3.34	Issue Type +	Ma	Location *	WS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Calegory	Start End							
Item	Trim / Thi	n Trees		37.693019°		37.693019°		
пеш				-121.27789	92 °	-121.277892 °		
DWR ID DWR_RD2085_01_s _ 2014_30								
	Comment Code							

T5 : Tree stumps.

Inspector Comment

No Photos

1	* Location	** Rating		+ Issue Type
	LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
	WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
	CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.55	Rating **	A/W	Issue No.	44			
LM End	3.55	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee	GPS La	atitud	e/Longitude			
Calegory		Start		End				
Item	Animal Co	ontrol		37.6904	18°	37.690418	0	
пеш				-121.2768	15 °	-121.276815	0	
DWR ID	DWR ID DWR_RD2085_01_s _ 2016_44							
	Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LMA has bait stations on the levee slope.

No Photos

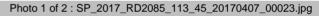
LM Start	3.57	Rating **	М	Issue No.		45		
LM End	3.57	Issue Type +	Ма	Location *	* LS			
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Animal Co	ontrol		37.69016	61 °	37.690161 °		
пеш		-121.276543 ° -121.276543						
DWR ID DWR_RD2085_01_s _ 2016_45								

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LM Start	3.57	Rating **	М	Issue No.	45 (cont)
LM End	3.57	Issue Type +	Ma	Location *	LS





View of the rodent burrows on the landside levee slope. Fall 2016

Photo 2 of 2: SP_2017_RD2085_113_45_20170407_00024.jpg



View of the rodent burrows on the landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.62	Rating **	A/W	Issue No.		2		
LM End	3.75	Issue Type +	Ma	Location *	WS			
Category	Suppleme	ental		GPS Latitude/Longitude				
Calegory			Start		End			
Item	DWR Ero	sion Survey		37.6885	45 °	37.688545 °		
пеш				-121.2762	98 °	-121.276298 °		
DWR ID DWR_RD2085_01_s _ 2017_2								
	Comment Code							

Inspector Comment

07/08/2016: The erosion in the berm was found slightly progressed toward the levee toe. Signs of fresh erosion at the site are visible. 08/19/2015: No significant change observed.

07/17/2014: No significant change observed.

09/10/2013: No significant change observed.

12/04/2012: This site has been documented before, and a cost estimate to repair has been prepared dated 05/09/2010. The fresh cut shows the erosion is developing. The berm width is at least 42 feet. Sticks were placed at three locations along the river bank, with 3 sticks 5 feet apart at each location. [2016 Site ID:RD2085U01RM67.7]

LM Start	3.62	Rating **	A/W	Issue No.	2 (cont)
LM End	3.75	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SP_2017_RD2085_113_2_20170407_00004.jpg



View of the downstream end of the erosion.

Photo 2 of 3: SP_2017_RD2085_113_2_20170407_00005.jpg



Close view of the erosion.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.62	Rating **	A/W	Issue No.		2 (cont)	
LM End	3.75	Issue Type +	Ma	Location *		WS	
Category	Suppleme	ental		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	DWR Ero	sion Survey		37.6885	45 °	37.688545 °	
пеш				-121.2762	98 °	-121.276298°	
DWR ID DWR_RD2085_01_s _ 2017_2							
Comment Code							

Inspector Comment

07/08/2016: The erosion in the berm was found slightly progressed toward the levee toe. Signs of fresh erosion at the site are visible. 08/19/2015: No significant change observed.

07/17/2014: No significant change observed.

09/10/2013: No significant change observed.

12/04/2012: This site has been documented before, and a cost estimate to repair has been prepared dated 05/09/2010. The fresh cut shows the erosion is developing. The berm width is at least 42 feet. Sticks were placed at three locations along the river bank, with 3 sticks 5 feet apart at each location. [2016 Site ID:RD2085U01RM67.7]

Photo 3 of 3: SP_2017_RD2085_113_2_20170407_00006.jpg



Close view of the erosion.

LM Start	3.65	Rating **	М	Issue No.		37
LM End	3.65	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Co	ontrol		37.6890	90°	37.689090°
пеш				-121.2763	26°	-121.276326°
DWR ID	DWR_RD2085_01_f _ 2016_37					

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.71	Rating **	A/W	Issue No.		25	
LM End	3.71	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Slope Sta	bility		37.6882	16°	37.688216 °	
-121.276603 ° -121.276603							
DWR ID DWR_RD2085_01_f _ 2015_25							
		_					

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Control levee access to prevent damage to levee slopes by vehicle.



View of the waterside levee slope damaged by vehicle.

LM Start	3.74	Rating **	A/W	Issue No.		26
LM End	3.74	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory	Category					End
Item	Slope Sta	bility		37.6878	41 °	37.687841 °
пеш				-121.2766	78 °	-121.276678 °
DWR ID	R ID DWR_RD2085_01_f _ 2015_26					

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Area should be maintained to prevent further levee damage.

Photo 1 of 1 : SP_2017_RD2085_113_26_20170407_00013.jpg



View of the foot path on the levee slope.

LM Start	3.78	Rating **	М	Issue No.		46
LM End	3.78	Issue Type +	Ма	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Calegory				Start E		
Item	Slope Sta	bility		37.68725	3°	37.687253
пеш				-121.27678	°	-121.276780
DWR ID	DWR_RD2085_01_s _ 2016_46					

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



View of the tire tracks on the levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.80	Rating **	A/W	Issue No.		63
LM End	3.80	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item	DWR UCIP LMA Responsibility		37.68697	'6 °	37.686976 °	
item				-121.27683	88°	-121.276838 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:19436 DS_ID:20683 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 30-inch Reinforced concrete box culvert stormdrain through the levee 12.0 feet below the crown. Slide gate in concrete riser unit on the waterward slope. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Two concrete cutoff walls. Originally included in the 1968 O&M manual.

FS Date: 9/5/2013 9:49:55 AM

LM Start	3.80	Rating **	A/W	Issue No.	63 (cont)
LM End	3.80	Issue Type +	Ma	Location *	LS

Photo 1 of 3: UCIP_SP_2017_19436_32997.jpg



Slide gate in Concrete riser on WS shoulder.

Photo 2 of 3: UCIP_SP_2017_19436_32996.jpg



Concrete headwall off LS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	3.80	Rating **	A/W	Issue No.		63 (cont)	
LM End	3.80	Issue Type +	Ма	Location *		LS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UC	DWR UCIP LMA Responsibility		37.68697	'6°	37.686976 °	
nem				-121.27683	88°	-121.276838 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:19436 DS ID:20683 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch Reinforced concrete box culvert stormdrain through the levee 12.0 feet below the crown. Slide gate in concrete riser unit on the waterward slope. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Two concrete cutoff walls.

Originally included in the 1968 O&M manual.

FS Date: 9/5/2013 9:49:55 AM

Photo 3 of 3: UCIP_SP_2017_19436_32995.jpg
超过1967年,1960年6月,2000年6月
2000 C. A.
09/03/2013 12:56
经货币 计图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图

Concrete U-shaped headwall on WS slope.

LM Start	3.86	Rating **	М	Issue No.	36	
LM End	3.91	Issue Type +	Ma	Location *	LS	
Cotagon Earthen Levee			GPS Latitude/Longitude			
Calegory	Category			Start		End
Animal Control			37.68605	9°	37.685340°	
Item	Animal Control 37.68605 -121.27674	5 °	-121.276594°			
DWR ID	/R ID DWR_RD2085_01_f _ 2016_36					
Commont Codo						

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1: SP_2017_RD2085_113_36_20170407_00021.jpg



View of the rodent holes on the levee slope.

U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	4.15	Rating **	М	Issue No.	34		
LM End	4.15	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory						End	
Animal Control			37.6824	95°	37.682495 °		
пеш	\$TTI			-121.274169 °		-121.274169°	
DWR ID	DWR ID DWR_RD2085_01_f _ 2016_34						
		Comn	nent Cod	le			
		le, but rodent	burrows	visible; ne	ed to	backfill and	
compact o	r grout bur	rows.					
		Inspecto	or Comm	nent			



View of the rodent holes on the levee slope.

LM Start	4.46	Rating **	N	Issue No.		32
LM End	4.46	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitud		
Calegory				Start		End
	Trim / Thi	Trim / Thin Trees			05°	37.681605°
Item				-121.2688	82 °	-121.268882 °
DWR ID DWR_RD2085_01_s _ 2012_32						

Comment Code

T5: Tree stumps.

Inspector Comment

Photo 1 of 1 : SP_20	J17_RD2085_113	3_32_20170407_00017.jp	og
A STATE OF	*		



11/03/2011 Large stump on landside slope.

Photo 1 of 1: SP_2017_RD2085_113_40_20170421_00063.jpg

LM Start	4.63	Rating **	М	Issue No.		40	
LM End	4.88	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		37.68096	3°	37.678389°	
пеш				-121.26584	4 °	-121.266341 °	
DWR ID	VR ID DWR_RD2085_01_s _ 2017_40						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of the vegetation on the landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	5.05	Rating **	С	Issue No.		51			
LM End	5.05	Issue Type +	Ma	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory			Start		End				
Item	Slope Stability			37.6776	91 °	37.677691 °			
item				-121.269236 °		-121.269236 °			
DWR ID	DWR_RD2	085_01_s _ 201	6_51						
		Comn	nent Cod	le					
S3 : Repai access wh		slope damag le.	ed by ve	hicle traffic	and	prevent			
		Inspecto	or Comm	nent					

No Photos

LM Start	5.20	Rating **	М	Issue No.		52	
LM End	5.20	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Slope Stability			37.67562	20°	37.675620 °	
пеш				-121.2693	59°	-121.269359 °	
DWR ID DWR_RD2085_01_s _ 2016_52							
Comment Code							

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



View of the tire tracks on the levee slope.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	5.22	Rating **	A/W	Issue No.		65
LM End	5.22	Issue Type +	Ма	Location *		LS
Category	Suppleme	ental		GPS La	titud	le/Longitude
Category				Start		End
Item	DWR UC	IP LMA Respo	onsibility	37.67527	71 °	37.675271 °
пеш				-121.26928	31 °	-121.269281 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:23060 DS_ID:20686 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

5.22

5.22

FIELD_STRUCT_DESC: 30-inch reinforced concrete stormdrain pipe through the levee 10.0 feet below the crown. Concrete "U" shaped headwall on the waterward end. Two corrugated metal cutoff walls. Flap gate on the waterward end. Originally included in the 1968 O&M

A/W

Ма

Issue No.

Location *

Rating **

Issue Type +

manual.

LM Start

LM End

FS Date: 9/5/2013

Photo 1 of 3 : UCIP_SP_2017_	23060_39184.jpg
	09/05/2013 13:43

Cuts in pavement off LS toe good indicator of pipe location.

65 (cont)

LS

Photo 2 of 3: UCIP_SP_2017_23060_39183.jpg



Concrete U-shaped headwall visible on WS toe.

* Location	
LS: Land Side	N/A: Not Applicable
WS: Water Side	

* Rating

A: Acceptable

M: Minimally Acceptable

U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	5.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	5.22	Rating **	A/W	Issue No.		65 (cont)	
LM End	5.22	Issue Type +	Ма	Location *	LS		
Category	Suppleme	ental		GPS Lat	ituc	le/Longitude	
Calegory				Start		End	
Item	DWR UCIP LMA Responsibility			37.67527	1 °	37.675271	
item				-121.26928	1°	-121.269281	
DWR ID							

Comment Code

Inspector Comment

FS_ID:23060 DS_ID:20686 EP_NO: N/A

Repair Type: No Action Needed Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 30-inch reinforced concrete stormdrain pipe through the levee 10.0 feet below the crown. Concrete "U" shaped headwall on the waterward end. Two corrugated metal cutoff walls. Flap gate on the waterward end. Originally included in the 1968 O&M

manual.

FS Date: 9/5/2013



Concrete U-shaped headwall and flapgate visible on WS toe.

LM Start	5.24	Rating **	N	Issue No.		29	
LM End	5.24	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thin Trees			37.675099°		37.675099°	
пеш				-121.26926	64 °	-121.269264 °	
DWR ID DWR_RD2085_01_f _ 2015_29							
Comment Code							

T5: Tree stumps.

Inspector Comment



View of the tree stump.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.70	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.02	Rating **	М	Issue No.		1
LM End	0.63	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Vegetatio	n		37.7050)50°	37.713105°
item			-121.274587 °		-121.270091 °	
DWR ID DWR_RD2085_02_s _ 2017_1						
Comment Code						
V1 : Contro easements		rass and wee	ds on th	e levee slo	pes	and
		Inspecto	or Comm	nent		

Photo 1 of 1: SP_2017_RD2085_114_1_20170421_00001.jpg



View of the vegetation on the levee slope.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River		0.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.21	Rating **	U	Issue No.	1	
LM End	0.23	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Erosion / Bank Caving			37.682798°		37.683052°	
пеш	Item			-121.2620	59°	-121.261851 °
DWR ID DWR_RD2085_03_s _ 2014_1						
Comment Code						

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Erosion of the waterside levee slope has been observed. The erosion is about 3 feet tall vertical from the slope to the base of projected levee toe.

LM Start	0.21	Rating **	U	Issue No.	1 (cont)
LM End	0.23	Issue Type +	Ma	Location *	WS

Photo 1 of 3: SP_2017_RD2085_115_1_20170421_00004.jpg



View of the erosion at the waterside levee toe. Spring 2017.

Photo 2 of 3: SP_2017_RD2085_115_1_20170407_00001.jpg



View of the erosion at the waterside levee toe. Fall 2016.

LM Start	0.21	Rating **	U	Issue No.	1 (cont)
LM End	0.23	Issue Type +	Ma	Location *	WS

Photo 3 of 3: SP_2017_RD2085_115_1_20170407_00002.jpg



View of the erosion at the waterside levee toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2085 Kasson

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River		0.29	04/20/2017 04/20/2017	Maksim Khashchuk

LM Start	0.25	Rating **	С	Issue No.		7	
LM End	0.25	Issue Type +	Ma	Location *		WS	
Catagony	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item Slope Stability			37.6832	74°	37.683274°		
			-121.261839°		-121.261839°		
DWR ID DWR_RD2085_03_f _ 2016_7							
	Comment Code						
	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
		Inspecto	or Comm	nent			

No Photos